What is claimed is:

1. An audio processing and image generating apparatus comprising:

means for analyzing an audio signal; and

means for generating a line drawing image based on a result of an analysis of said audio signal.

2. An audio processing and image generating apparatus according to claim 1, wherein

said means for analyzing an audio signal performs a frequency analysis of an audio signal for a certain period of time, and

said means for generating a line drawing image generates a predetermined line drawing image based on a result of said frequency analysis of said audio signal.

3. An audio processing and image generating apparatus according to claim 1, wherein

said means for analyzing an audio signal performs an amplitude analysis of an audio signal for a certain period of time; and

said means for generating a line drawing image generates a predetermined line drawing image based on a result of said amplitude analysis of said audio signal.

4. An audio processing and image generating apparatus

according to claim 1, wherein said line drawing image comprises a three-dimensional line drawing image.

5. An audio processing and image generating apparatus according to claim 4, wherein said three-dimensional line drawing image is an image comprising a substantially linear line drawing image extending between a right side and a left side on a display screen and a non-linear line drawing image based on an result of an analysis of said audio signal, said non-linear line drawing image being included in said substantially linear line drawing image.

6. A method of audio processing and image generating comprising the steps of:

analyzing an audio signal; and

generating a line drawing image based on a result of an analysis of said audio signal.

7. A method of audio processing and image generating according to claim 6, wherein said line drawing image comprises a three-dimensional line drawing image.

8. A method of audio processing and image generating according to claim 7, wherein said three-dimensional line drawing image is an image comprising a substantially linear line drawing image extending between a right side and a left side on a display screen and a non-linear line drawing image

based on an result of an analysis of said audio signal, said non-linear line drawing image being included in said substantially linear line drawing image.

9. A recording medium for storing a program, said program comprising the steps of:

analyzing an audio signal; and

generating a line drawing image based on a result of an analysis of said audio signal.

10. A recording medium according to claim 9, wherein

said step of analyzing an audio signal comprises the step of performing a frequency analysis of an audio signal for a certain period of time, and

said step of generating a line drawing image comprises the step of generating a predetermined line drawing image based on an result of said frequency analysis of said audio signal.

11. A recording medium according to claim 9, wherein

said step of analyzing an audio signal comprises the steps of:

performing a fast Fourier transformation to detect a frequency spectrum from an audio signal for a certain period of time;

detecting a plurality of peak values in each of a frequency range equal to or higher than a predetermined

frequency and a frequency range lower than said predetermined frequency range in said detected frequency spectrum; and

extracting a predetermined number of largest peak values from said detected peak values and determining an order of arrangement in each of said frequency range equal to or higher than said predetermined frequency and said frequency range lower than said predetermined frequency range, and

said step of generating a line drawing image comprises the step of generating a predetermined line drawing image based on said determined order of arrangement.

12. A recording medium according to claim 9, wherein

said step of analyzing an audio signal comprises the steps of extracting a predetermined number of largest peak values from peak values of amplitudes of sounds in an audio signal for a certain period of time and calculating gradients between respective adjoining peaks corresponding to said extracted peak values to determine a combination of gradients comprising a positive gradient and/or a negative gradient, and

said step of generating a line drawing image comprises the step of generating a predetermined line drawing image based on said combination of gradients comprising a positive gradient and/or a negative gradient.

13. A recording medium according to claim 9, wherein said line drawing image comprises a three-dimensional line drawing image.

14. A recording medium according to claim 13, wherein said three-dimensional line drawing image is an image comprising a substantially linear line drawing image extending between a right side and a left side on a display screen and a non-linear line drawing image based on an result of an analysis of said audio signal, said non-linear line drawing image being included in said substantially linear line drawing image.

15. A program comprising the steps of:

analyzing an audio signal; and

generating a line drawing image based on a result of an analysis of said audio signal.

16. A program according to claim 15, wherein

said step of analyzing an audio signal comprises the step of performing a frequency analysis of an audio signal for a certain period of time, and

said step of generating a line drawing image comprises the step of generating a predetermined line drawing image based on an result of said frequency analysis of said audio signal.

17. A program according to claim 15, wherein

said step of analyzing an audio signal comprises the steps of:

performing a fast Fourier transformation to detect a frequency spectrum from an audio signal for a certain period of time;

detecting a plurality of peak values in each of a frequency range equal to or higher than a predetermined frequency and a frequency range lower than said predetermined frequency range in said detected frequency spectrum; and

extracting a predetermined number of largest peak values from said detected peak values and determining an order of arrangement in each of said frequency range equal to or higher than said predetermined frequency and said frequency range lower than said predetermined frequency range, and

said step of generating a line drawing image comprises the step of generating a predetermined line drawing image based on said determined order of arrangement.

18. A program according to claim 15, wherein

said step of analyzing an audio signal comprises the steps of extracting a predetermined number of largest peak values from peak values of amplitudes of sounds in an audio signal for a certain period of time and calculating gradients between respective adjoining peaks corresponding

to said extracted peak values to determine a combination of gradients comprising a positive gradient and/or a negative gradient, and

said step of generating a line drawing image comprises the step of generating a predetermined line drawing image based on said combination of gradients comprising a positive gradient and/or a negative gradient.

19. A program according to claim 15, wherein said line drawing image comprises a three-dimensional line drawing image.

20. A program according to claim 19, wherein said three-dimensional line drawing image is an image comprising a substantially linear line drawing image extending between a right side and a left side on a display screen and non-linear line drawing images based on an result of an analysis of said audio signal, said non-linear line drawing image being included in said substantially linear line drawing image.